| Attv  | Dkt. No.: | 61647-07352 |
|-------|-----------|-------------|
| Atty. | DKI. 140  | 0104/-0/332 |



# Certificate Under 37 CFR § 3.73(b)

| A PROPERTY ADEMA                        | 7                |                                             |                     | Claude Vogel                                     |                                             | ر0                                                                                                            |                             |
|-----------------------------------------|------------------|---------------------------------------------|---------------------|--------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------|
| Application No.:                        |                  |                                             |                     | 09/687,612                                       |                                             | CENTER                                                                                                        |                             |
| Filing Date:                            |                  |                                             |                     | October 11, 200                                  | 0                                           | QEO 7 2003                                                                                                    | .00                         |
| Name of Assigne                         | ee:              |                                             |                     | Semio Acquisiti                                  | on Inc.                                     | LEB ? onter                                                                                                   | 5/0                         |
| Type of Assigned university, gover      |                  | corporation, part agency, etc.):            | nership,            | Corporation                                      |                                             | FEB 27 2003                                               |                             |
| The above-menti identified above        |                  |                                             | that it i           | s the assignee of the                            | entire right, title and                     | interest in the patent appl                                                                                   | lication                    |
| A. ☐ assignment; OR                     | An               | assignment from tl                          | ie inven            | tor of the patent appl                           | lication identified ab                      | ove. Attached hereto is a                                                                                     | copy of the                 |
| B. ⊠<br>shown below:                    | A c              | hain of title from the                      | ne inven            | itor(s), of the patent a                         | application identified                      | l above, to the current assi                                                                                  | ignee as                    |
|                                         | 1.               | From: Claude                                | /ogel               |                                                  |                                             |                                                                                                               |                             |
|                                         |                  | To: Semio C                                 | orporat             |                                                  |                                             |                                                                                                               |                             |
|                                         |                  | The document was Reel: 011468               |                     |                                                  | Trademark Office at or for which a copy     |                                                                                                               |                             |
|                                         | 2.               | From: Semio C                               | orporat             | ion                                              |                                             |                                                                                                               |                             |
|                                         |                  | To: Semio A                                 |                     |                                                  |                                             |                                                                                                               |                             |
|                                         |                  |                                             |                     |                                                  | Trademark Office at                         |                                                                                                               |                             |
|                                         |                  | Reel:                                       | _ and               | Frame:,                                          | or for which a copy                         | thereof is attached.                                                                                          |                             |
|                                         | 3.               |                                             |                     |                                                  |                                             |                                                                                                               |                             |
|                                         |                  | To:                                         |                     | ded in the Detect and                            | Trademark Office at                         | <u> </u>                                                                                                      |                             |
|                                         |                  | Reel:                                       | and                 |                                                  | or for which a copy                         |                                                                                                               |                             |
|                                         |                  | Additional docum                            | ents in             | the chain of title are                           | listed on a supplemen                       | ntal sheet.                                                                                                   |                             |
| ☐ Copies of ass                         | ignm             | ents or other docu                          | nents in            | the chain of title are                           | attached.                                   |                                                                                                               |                             |
|                                         | _                |                                             |                     | ocuments in the chai<br>title is in the assigned | _                                           | nt application identified ab                                                                                  | ove and, to                 |
| The und                                 | lersig           | ned (whose title is                         | supplie             | d below) is empower                              | red to sign this certifi                    | icate on behalf of the assig                                                                                  | gnee.                       |
| information and l<br>statements, and tl | beliet<br>he lik | f are believed to be<br>te so made, are pur | true; ar<br>ishable | nd further, that these<br>by fine or imprisonn   | statements are made<br>nent, or both, under | and that all statements may with the knowledge that with the 1001, Title 18 of the total or any patent issuit | willful false<br>the United |
| 2-                                      | 3-               | - 53                                        |                     | _                                                |                                             |                                                                                                               |                             |
|                                         | D                | ate                                         | —                   |                                                  | Signatu                                     | ire                                                                                                           |                             |
|                                         |                  |                                             |                     |                                                  | Tom Er                                      | vin                                                                                                           |                             |
|                                         |                  |                                             | -                   |                                                  | Name                                        | ÷                                                                                                             |                             |
|                                         |                  |                                             |                     | Chief                                            | Financial Officer, Se                       | emio Acquisition Inc.                                                                                         |                             |
|                                         |                  |                                             | _                   |                                                  | Title                                       |                                                                                                               |                             |



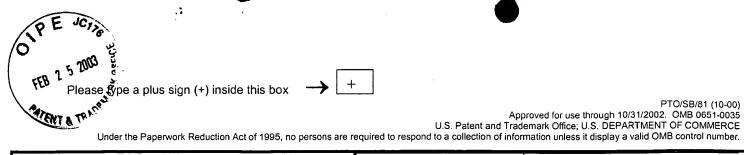
Form PTO-1595 (Rev. 03/01) (modified)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE U.S. Patent And Trademark Office

(Rev. 03/01) (modified)
OMB No. 0651-0027 (exp 5/31/2002)

| To the Honorable Commissioner For Latents: Please reco                                                         | ord the attached original documents or copy thereof:                                                      |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1. Name of conveying party:                                                                                    | 2. Name and address of receiving party:                                                                   |
| Semio Corporation FEB 2 5 2003                                                                                 | Name: Semio Acquisition Inc.                                                                              |
| Additional name(s) of conveying party(ies) attached?  Yes No                                                   | Internal Address:                                                                                         |
| 3. Nature of Conveyance:                                                                                       | Street Address: 2100 Reston Parkway, Suite 204                                                            |
| Assignment Merger                                                                                              |                                                                                                           |
| ☐ Security Agreement ☐ Change of Name                                                                          | City: Reston                                                                                              |
| Other:                                                                                                         | State: VA Zip: 20191                                                                                      |
|                                                                                                                | Additional name(s) & address(es) attached?                                                                |
| Execution Date: August 16, 2002                                                                                | ☐ Yes ☒ No                                                                                                |
| 4. Application number(s) or patent number(s):  If this document is being filed together with a new application | B. Patent Nos. 5,963,965; 6,424,982:  Technology Center 210  Technology Center 210  Technology Center 210 |
| A. Patent Application Nos.: 09/289,174; 09/687,612                                                             | B. Patent Nos. 5,963,965; 6,424,982: FEB CENTROLOGY CENTROLOGY                                            |
| Additional numbers at                                                                                          | tached?  Yes  No                                                                                          |
| 5. Name and address of party to whom correspondence concerning document should be mailed:                      | 6. Total number of applications and patents involved: [4]                                                 |
| Name: Christopher M. Tobin, Esq.                                                                               | 7. Total fee (37 CFR 3.41): \$160.00                                                                      |
| Internal Address: Fenwick & West LLP                                                                           | Check Enclosed                                                                                            |
| Street Address: Two Palo Alto Square                                                                           | Fee Transmittal Enclosed                                                                                  |
| City: Palo Alto State: CA Zip Code: 94306                                                                      | Charge the indicated fees to the below mentioned deposit account.                                         |
| DO NOT USE                                                                                                     | 8. Deposit Account No.: E THIS SPACE                                                                      |
| 9. Statement and signature:                                                                                    | 7 THIS STACE                                                                                              |
| To the best of my knowledge and belief, the foregoing information true copy of the original document.          | ation is true and correct and any attached copy is a                                                      |
| Christopher M. Tobin / 40,290                                                                                  | 1/03                                                                                                      |
| Name of Person Signing                                                                                         | Signature Date                                                                                            |
| Total number of pages including cover                                                                          | sheet, attachments, documents: [5]                                                                        |



## **REVOCATION AND SUBSTITUTE POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

| Application Number     | 09/687,612       |
|------------------------|------------------|
| Filing Date            | October 11, 2000 |
| First Named Inventor   | Claude Vogel     |
| Group Art Unit         | 2176             |
| Examiner Name          | Unknown          |
| Attorney Docket Number | 61647-07352      |

|                                     |                                   | ·                                                         | •                              | *              |                                                                                           |  |  |
|-------------------------------------|-----------------------------------|-----------------------------------------------------------|--------------------------------|----------------|-------------------------------------------------------------------------------------------|--|--|
| I hereby<br>hereby a                |                                   | vious powers of attorne                                   | ey or authorizations           | of agent giv   | Registration Number  40,290  45,562  51,532  33,426  A Discontinuous in the United States |  |  |
|                                     | Practitioner(s)                   | named below:                                              |                                |                | CAL 03 0                                                                                  |  |  |
|                                     |                                   | Name Registration Number                                  |                                |                |                                                                                           |  |  |
|                                     | С                                 | Christopher M. Tobin 40,290                               |                                |                |                                                                                           |  |  |
|                                     |                                   | Devin S. Morgan                                           |                                |                | 45,562                                                                                    |  |  |
|                                     | L                                 | awrence E. Carter                                         |                                |                | 51,532                                                                                    |  |  |
|                                     |                                   | Stuart P. Meyer                                           |                                |                | 33,426 <b>18</b> 65                                                                       |  |  |
| • as my/o<br>Patent a               | ur attorney(s) o<br>and Trademark | r agent(s) to prosecute<br>Office connected there         | e the application ide<br>with. | ntified abov   | ove, and to transact all business in the United States                                    |  |  |
| Please                              | change the corr                   | espondence address t                                      | to, and associate the          | above-ide      | dentified application with:                                                               |  |  |
| $\boxtimes$                         | Practitioners a                   | at Customer Number                                        | 00758                          |                | <b>→</b>                                                                                  |  |  |
| OR                                  | u                                 |                                                           |                                |                |                                                                                           |  |  |
| Firm or Indiv                       | /idual Name                       |                                                           |                                |                |                                                                                           |  |  |
| Address                             |                                   |                                                           |                                |                |                                                                                           |  |  |
| Address                             |                                   |                                                           |                                |                |                                                                                           |  |  |
| City                                |                                   |                                                           |                                | State          | Zip                                                                                       |  |  |
| Country                             |                                   |                                                           |                                | 1- 1           |                                                                                           |  |  |
| Telephone                           |                                   |                                                           | ×                              | Fax            |                                                                                           |  |  |
| ∑ As                                | oplicant/Invento                  | r.<br>rd of the entire interest<br>37 CFR 3.73(b) is encl |                                |                |                                                                                           |  |  |
|                                     |                                   | SIGNATURI                                                 | E of Applicant or A            | ssignee o      | of Record                                                                                 |  |  |
| Name                                | Tom Ervin                         |                                                           | 1/1                            | _              |                                                                                           |  |  |
| Title                               | Chief Fina                        | ncial Officer, Semio Ac                                   | causition Inc.                 |                |                                                                                           |  |  |
| Signature                           |                                   |                                                           | 5                              |                |                                                                                           |  |  |
| Date                                | 2/>                               | -03                                                       |                                |                |                                                                                           |  |  |
| NOTE: Signatures than one signature |                                   |                                                           | of the entire interest o       | r their repres | esentative(s) are required. Submit multiple forms if more                                 |  |  |
| ↑ *Total of                         | forms are sub                     | mitted.                                                   |                                |                |                                                                                           |  |  |

### **PATENT ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, Semio Corporation, a California corporation, having a place of business at 1730 S. Amphlett Blvd., Suite 101, San Mateo, California 94402 ("Assignor"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to Semio Acquisition Inc., a Delaware corporation, having a place of business at 2100 Reston Parkway, Suite 204, Reston, VA 20191 ("Assignee"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("Subject Matter") that are disclosed in the following applications and Letters Patents ("Patent Rights") contained in Attachment A; and
  - 2. The entire worldwide right, title, and interest in and to:
- (a) the Patent Rights, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom.

Assignor agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to Assignee the rights, title and interests herein conveyed; (2) communicate to Assignee all known facts relating to the Subject Matter of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that Assignee shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the Subject Matter of the above-identified patent applications and Letters Patents and for vesting in Assignee the rights, titles, and interests herein conveyed. Assignor further agrees to provide any successor, transferee, assignee, or legal representative of Assignee with the benefits and assistance provided to Assignee hereunder.

Assignor represents that Assignor has the rights, titles, and interests to convey as set forth herein, and covenants with Assignee that the Assignor has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, the undersigned has caused this Patent Assignment to be executed as of the date first written above by an officer thereunto duly authorized.

#### SEMIO CORPORATION

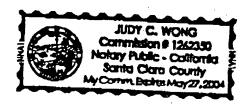
| Ву:    | me  | tisel |      |  |
|--------|-----|-------|------|--|
|        | _   | met   | aff. |  |
| Title: | CEC | D     |      |  |

State of California County of <u>Santa Clara</u>

On this 16 th day of August . 2002. before me, Judy C. Wong . a Notary Public in and for the State of California, personally appeared 5cott Metcalf personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public



### Attachment A

## SEMIO PATENT PORTFOLIO

| Title                                                                                 | Country                   | Serial No/ Filing<br>Date | Patent No./ Issue<br>Date | Status                                                                      |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|-----------------------------------------------------------------------------|
| Text Processing<br>and Retrieval<br>System and<br>Method                              | US                        | 08/801,970<br>2/18/1997   | 5,963,965<br>10/5/1999    | Issued                                                                      |
| Text Processing and Retrieval System and Method                                       | European<br>Patent Office | 98907481.0<br>2/18/1998   | NA                        | Pending                                                                     |
| Text Processing<br>and Retrieval<br>System and Method                                 | Japan                     | 10-537704<br>2/18/1998    | NA                        | Pending                                                                     |
| Text Processing<br>and Retrieval<br>System and Method                                 | Canada                    | 2,281,645<br>2/18/1998    | NA                        | Pending                                                                     |
| System and Method<br>for Generating a<br>Taxonomy from a<br>Plurality of<br>Documents | US                        | 09/289,174<br>4/9/1999    | NA                        | Notice of Abandonment Received Due to USPTO error. Will need to be revived. |
| System and Method<br>for Generating a<br>Taxonomy from a<br>Plurality of<br>Documents | European<br>Patent Office | 00921957.7<br>4/6/2000    | NA                        | Pending                                                                     |
| System and Method<br>for Generating a<br>Taxonomy from a<br>Plurality of<br>Documents | Japan                     | 2000-611203<br>4/6/2000   | NA                        | Pending                                                                     |
| System and Method<br>for Generating a<br>Taxonomy from a<br>Plurality of<br>Documents | Canada                    | 2,366,545<br>4/6/2000     | NA                        | Pending                                                                     |
| System and Method<br>for Parsing A<br>Document                                        | US                        | 09/288,994<br>4/9/1999    | NA ·                      | About to Issue.<br>Issue Fee Paid on<br>May 28, 2002                        |
| System and Method for Parsing A                                                       | US                        | 09/687,612                | NA                        | Pending                                                                     |

| Title                                          | Country                   | Serial No/ Filing<br>Date | Patent No./ Issue<br>Date | Status  |
|------------------------------------------------|---------------------------|---------------------------|---------------------------|---------|
| Document                                       |                           | 10/11/2000                |                           |         |
| System and Method<br>for Parsing A<br>Document | European<br>Patent Office | 00923179.6<br>4/6/2000    | NA                        | Pending |
| System and Method<br>for Parsing A<br>Document | Canada                    | 2,366,485<br>4/6/2000     | NA                        | Pending |
| System and Method<br>for Parsing A<br>Document | Japan                     | 2000-611158<br>4/6/2000   | NA                        | Pending |